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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1 of 2

Complete if Known

Application Number	09/966,419
Filing Date	September 27, 2001
First Named Inventor	Vandenabeele-Lepla, Patrick
Group Art Unit	2681 2662
Examiner Name	Unassigned hong cho
Attorney Docket Number	020798-002000US



U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
hc	AA	6,912,876		Himmy	08/15/99	
	AB	6,002,716		Moyer, et al.	12/14/99	
	AC	6,061,327		Demoutin, et al.	05/09/00	
hc	AD	6,141,393		Thomas, et al.	10/31/00	
	AE					
	AF					
	AG					
	AH					
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	AJ					
	AK					
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	AP					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
hc	AQ	EP	1030469	A1	Internuniversitair Micro-Elektronica	08/23/00		
	AR							
	AS							
	AT							
	AU							
	AV							
	AW							
	AX							

Examiner Signature

hong cho

Date Considered

8/29/2001

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Unique citation designation number. ¹ See attached Kinds of U.S. Patent Documents. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 4

Complete If Known

Application Number	09/968,419
Filing Date	September 27, 2001
First Named Inventor	Vandenabeele-Lepia, Patrick
Group Art Unit	2662
Examiner Name	Hong Cho
Attorney Docket Number	020798-002000US

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
hc	AA	5,812,878		H'mamy	08/15/99	
/	AB	6,002,716		Meyer et al.	12/14/99	
hc	AC	6,061,327		Demoulin et al.	05/06/00	
hc	AD	6,141,393		Thomas et al.	10/31/00	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
hc AE	EP 1 030 489 A1	23.08.2000	EPO	A1		NA

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T :
hc	AF	VANDENAMEELE, "Space Division Multiple Access for Wireless Local Area Networks," IMEC, October 2000, Catholic University, Leuven, Belgium	
/	AG	U, ET AL., "Robust Channel Estimation for OFDM Systems with Rapid Dispersive Fading Channels," IEEE Transactions on Communications, July 1998, Vol. 46, No. 7, pp. 902-915	
	AH	JEON, ET AL., "An Equalization Technique for Orthogonal Frequency-Division Multiplexing Systems in Time-Variant Multipath Channels," IEEE Transactions on Communications, January 1999, Vol. 47, No. 1, pp. 27-32	
	AI	LUISE, ET AL., "Blind Equalization/Detection for OFDM Signals over Frequency-Selective Channels," IEEE Journal on Selected Areas in Communications, October 1998, Vol. 16, No. 8, pp. 1568-1578	
	AJ	HSIEH, ET AL., "Channel Estimation for OFDM Systems Based on Comb-Type Pilot Arrangement in Frequency Selective Fading Channels," IEEE Transactions on Consumer Electronics, February 1998, Vol. 44, No. 1, pp. 217-225	
	AK	LI, ET AL., "Channel Estimation for OFDM Systems with Transmitter Diversity in Mobile Wireless Channels," IEEE Journal on Selected Areas in Communications, March 1999, Vol. 17, No. 3, pp. 461-471	
hc	AK	EDFORS, ET AL., "OFDM Channel Estimation by Singular Value Decomposition," IEEE Transactions on Communications, July 1998, Vol. 46, No. 7, pp. 831-839	

Examiner Signature	<i>Hong Cho</i>	Date Considered	8/29/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Submitted for form 1449B/PTO		Complete if Known	
		Application Number	09/966,419
		Filing Date	September 27, 2001
		First Named Inventor	Vandenmeele-Lepia, Patrick
		Art Unit	Unassigned 262
		Examiner Name	Unassigned- hong cho
Sheet 1 of 1		Attorney Docket Number 020798-002000US	

U.S. PATENT DOCUMENTS				
Examiner	Cit. No.	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
AC	AA	US-5,282,222	01/25/1994	Fattouche et al.
AC	AB	US-5,487,069	01/23/1996	O'Sullivan et al.
AC	US-			
AD	US-			
AE	US-			
AF	US-			
AG	US-			
AH	US-			
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Examiner Signature	Hongselo	Date Considered	8/29/2005
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